

Swathi Reddy

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SUMMARY

Software Engineer with 5 years of experience participating in the complete product development lifecycle. Possessing substantial knowledge in front-end development using HTML5, CSS3, JavaScript, React.js, Redux, and Node.js. Skilled in building scalable, responsive applications while adhering to modern development practices. Proficient in UI design, API integration, and working with databases like MySQL, PostgreSQL, and backend technologies like Spring Boot. Keen interest in developing and optimizing full-stack applications in a fast-paced, innovative environment.

Education

Master of Science in Computer Science Jan 2024 - April 2025
University of Bridgeport, CT GPA: 3.8/4.0
Coursework: Object-Oriented Programming with Design Patterns, Analysis of Algorithms, Web Development, NLP and LLMs, Python, and Database Concepts.

Technologies

Programming / Web Technologies: JavaScript (ES5/ES6), Java/J2EE, SQL, ReactJS, Redux, jQuery, HTML5, CSS3, Styled Components, JSON, Bootstrap, Materialize CSS, Tailwind CSS, Ant Design.
Frameworks: Node.js, Express.js, Spring, Spring Boot, Hibernate.
Databases: PostgreSQL, MySQL (Relational); MongoDB (Non-Relational)
Tools Platforms: GitHub, Docker, Netlify, Render, Microsoft Azure,Maven.

Experience

Teaching Assistant, University Of Bridgeport - Bridgeport, CT Sep 2024 – Present

- As a Teaching Assistant in the Master’s in Computer Science program, I help students grasp key concepts in Natural Language Processing (NLP) and Large Language Models (LLMs) through lectures and lab sessions.
- I also support real-world project applications and provide guidance during office hours. Additionally, I collaborate with faculty on research initiatives, enhancing course materials and fostering an engaging learning environment.

Software Developer, E3, Rubus Digital – Hyderabad, India April 2023 - December 2023

- Worked as a Software Developer in Rubus Digital Pvt..Ltd from April 2023 to December 2023.

Software Developer, E2, Envision Enterprise Solutions Pvt Ltd – Hyderabad, India July 2020 - March 2023

- Worked as a Software Developer in Envision Enterprise Solutions Pvt Ltd from .

Associate Software Developer,Suraaga Technologies Pvt Ltd – Hyderabad, India May 2019 - June 2020

- Worked as a Software Developer in Suraaga Technologies Pvt Ltd from May 2019 to June 2020.

Projects

ARJAS STEEL Sep 2020

- EMS, E-Log books, trend analysis, downtime logs, reports at process

RAK CERAMICS July 2022

- Energy management system, E-Log books, trend analytics, downtime logs, reports at process

JSW CEMENTS Nov 2021

- Reports, EMS, E-logbooks

SAGAR CEMENTS April 2023

- Downtime logs with live data and Equipment management

Movies Review and Trailer Application with Java Spring Boot, React, and MongoDB Nov 2024

- Built a full-stack web app for movie reviews and trailer streaming using Java Spring Boot, React.js, and MongoDB.
- Developed REST APIs for CRUD operations and integrated third-party APIs for trailer display.
- Designed a responsive UI with Material-UI for optimal user experience across devices.
- Deployed the back-end on Render and front-end on Netlify for scalability.
- Implemented server-side pagination for efficient review handling.
- Used Git and GitHub for version control and collaboration.